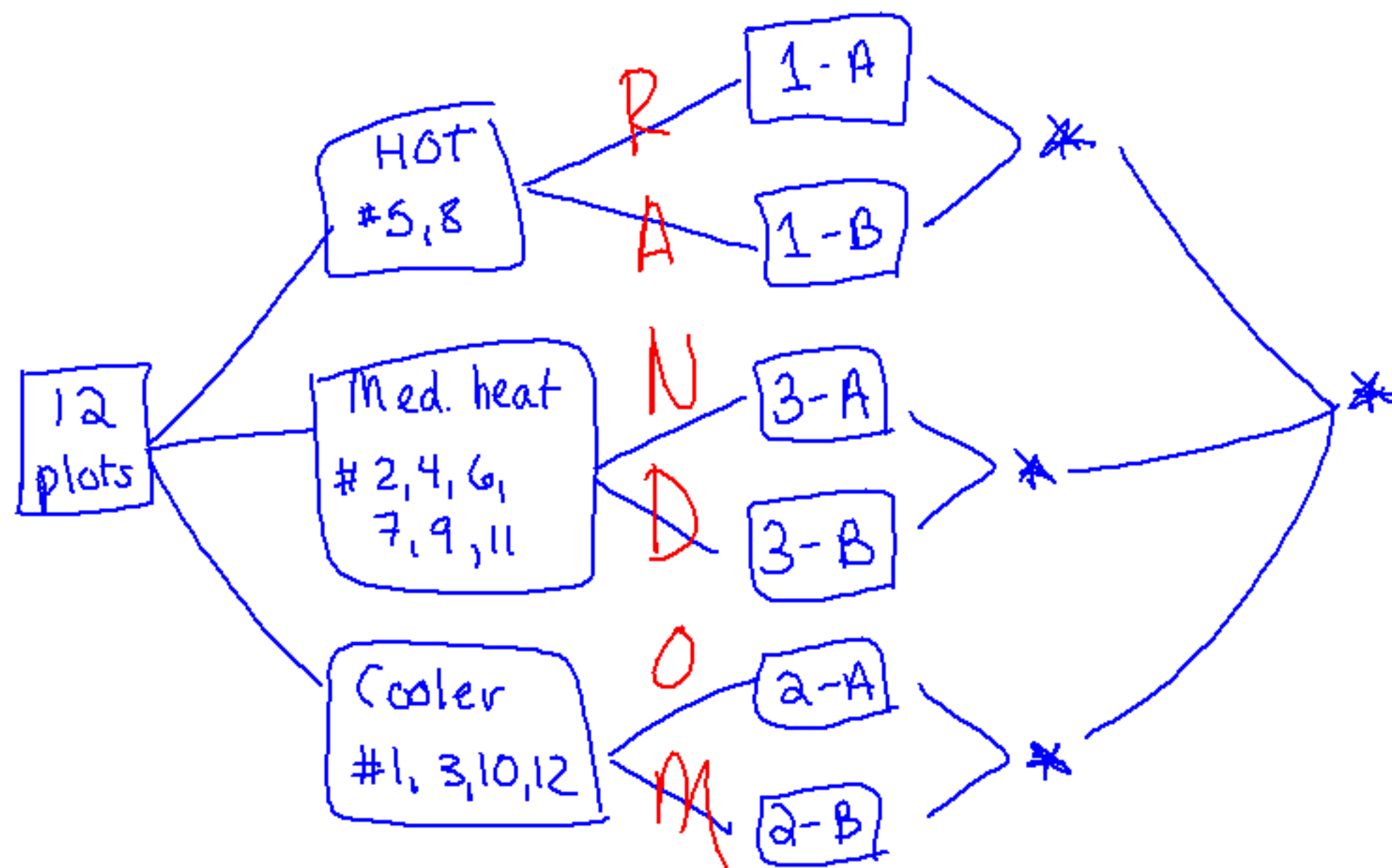


Model Exam 270

#2



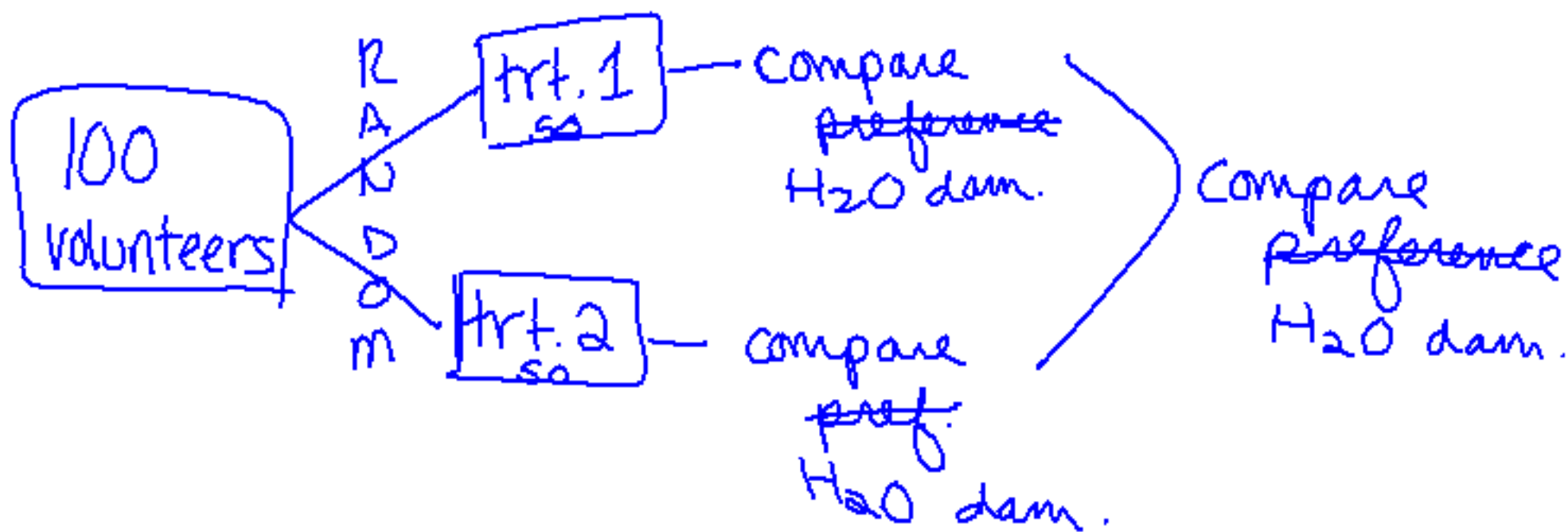
A = fertilizer
B = no fertilizer

* = Compare growth

2002

#2

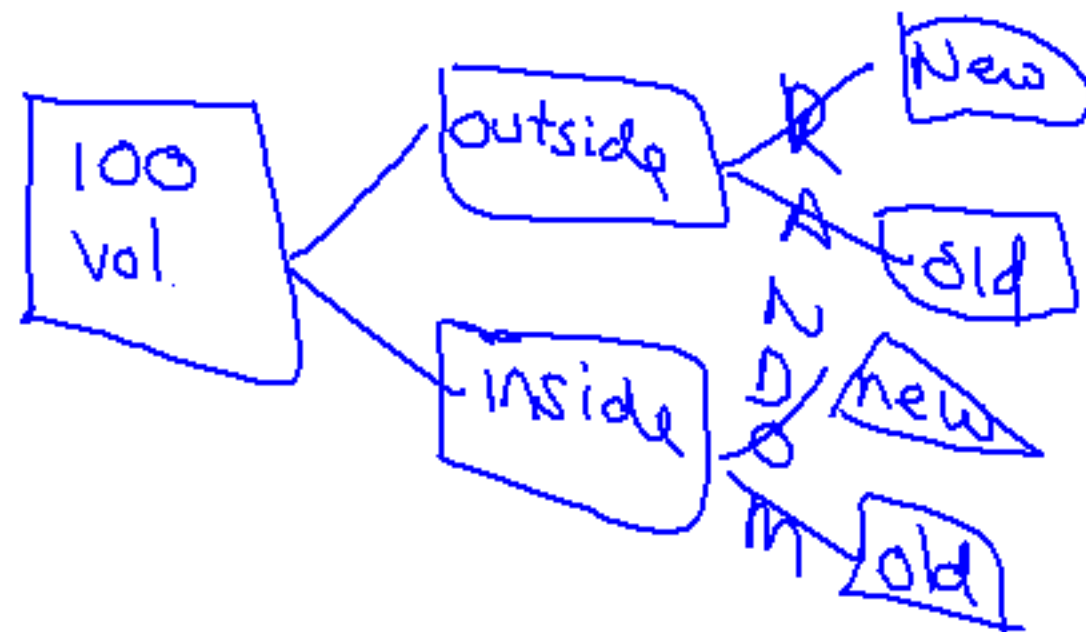
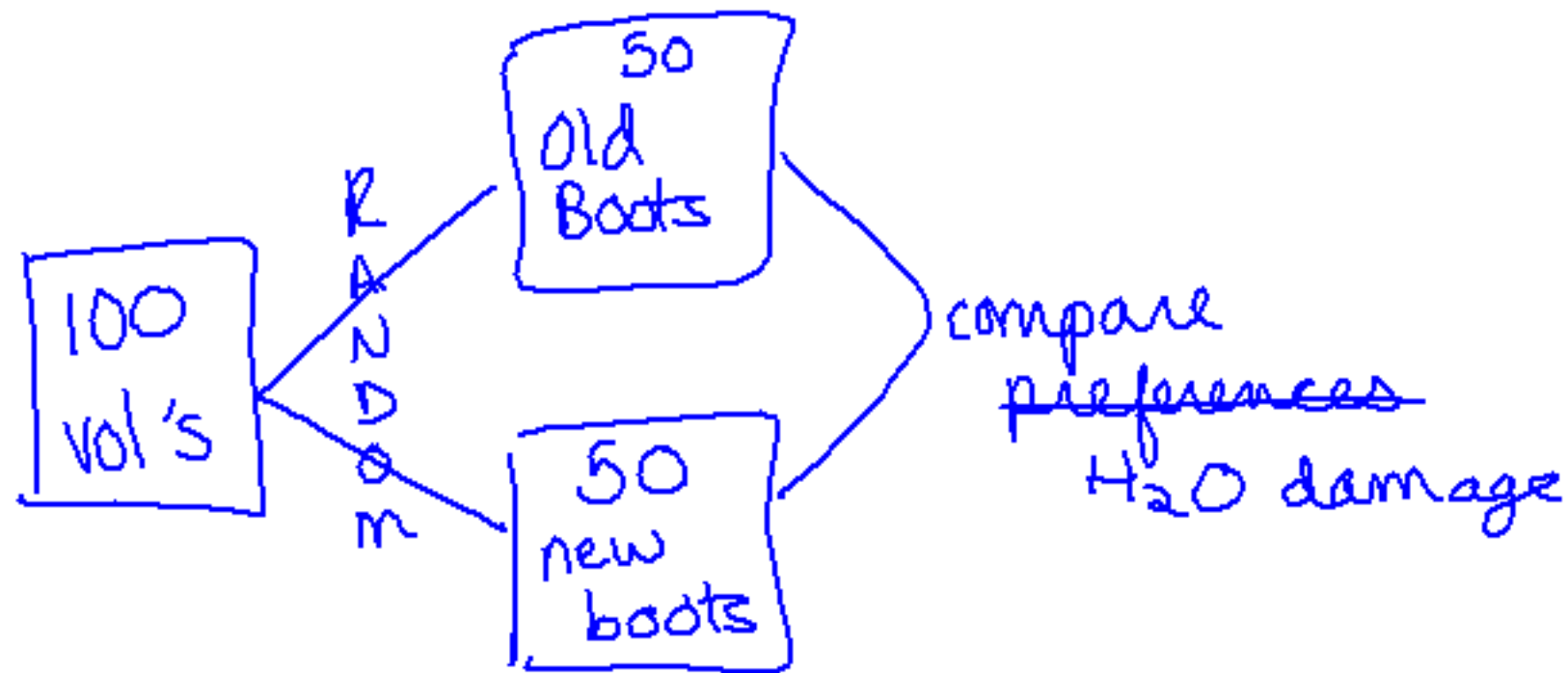
A) ESSENTIALLY CORRECT - Matched Pairs



trt. 1 = L-new, R-old
trt. 2 = L-old, R-new

trt. 1 = 3 mos. old, 3 mos. new
trt. 2 = 3 mos. new, 3 mos. old

A) Partially correct - Completely Randomized Design



3-EEP
EEI
EPE
PEE
PEP*

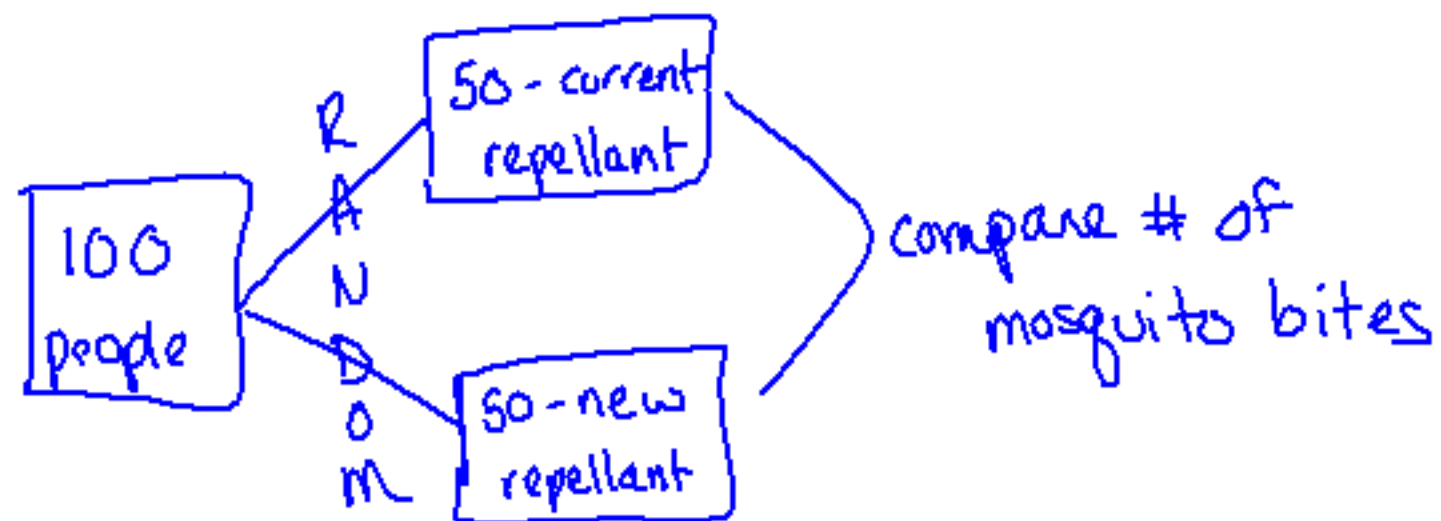
2-EPP
EPI
EIE
EIP
PEI
PPE
PPP
PIE

IEE
IPE
PEP*

1-EII
IEI
IIE
PPI
PIP
IPP
IEP

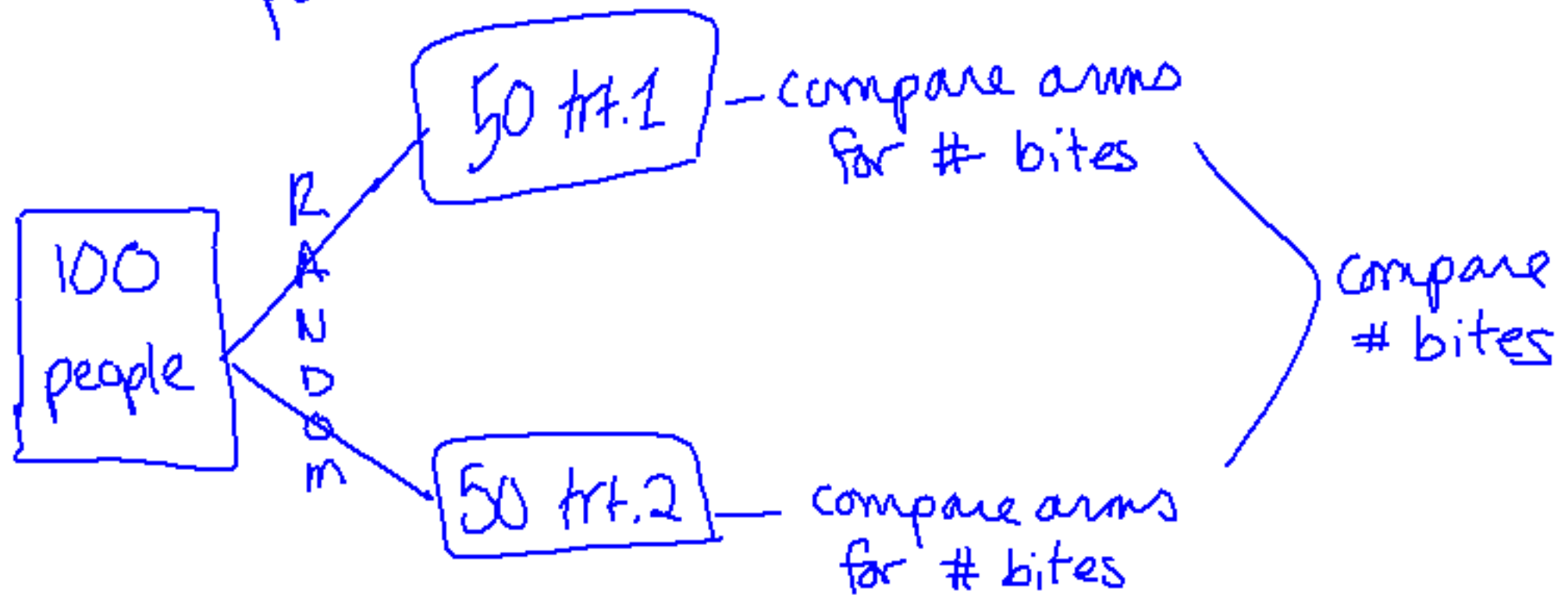
2005

a) C.R.D.



Take the 100 people & use software or the table of random digits to assign 50 to use the new repellent & 50 to use the old repellent.

b) matched pairs



trt.1 = Left arm = new, Rt. arm = old

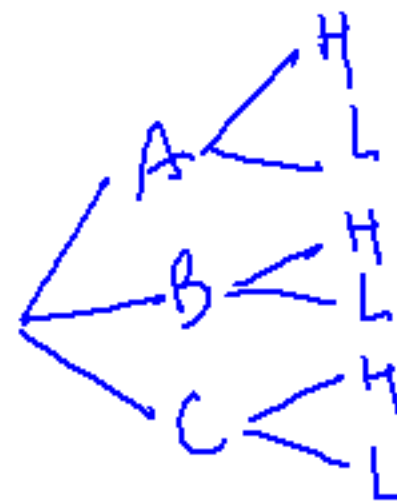
trt.2 = Rt. arm = new, Lf arm = old

* similar sentence to part (a)

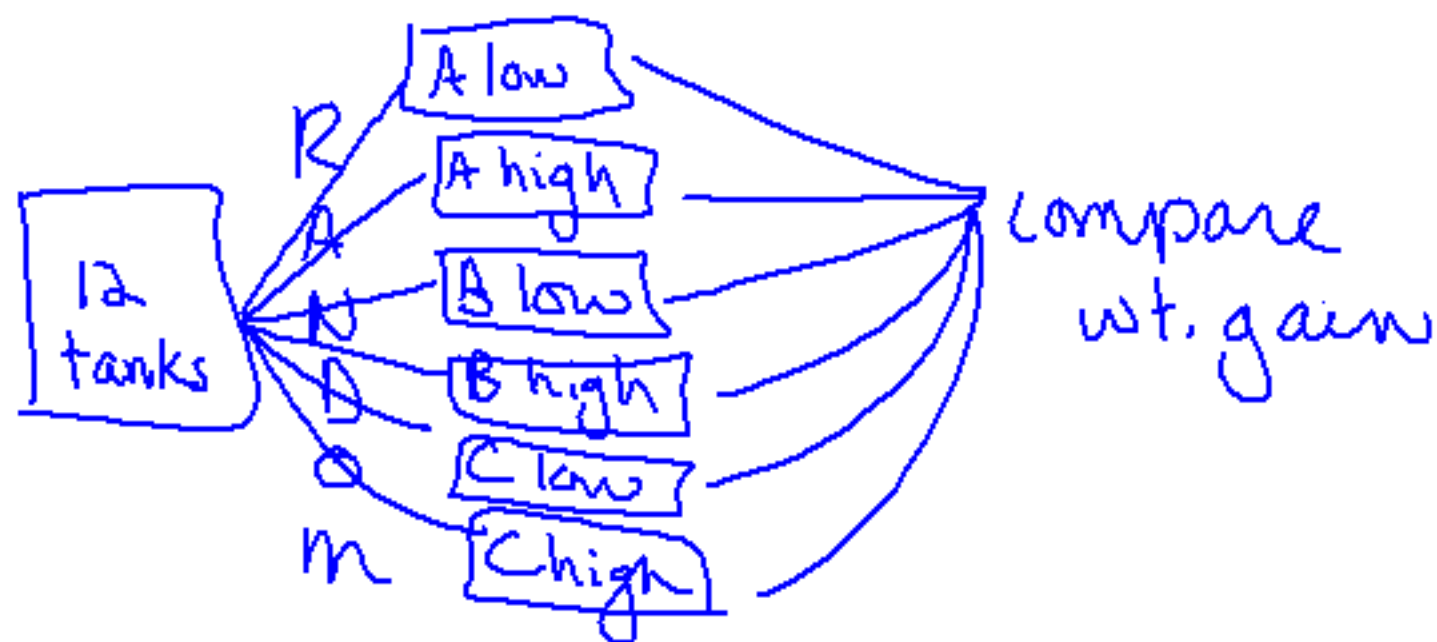
2006 #5

a) trts:

A low	B low	C low
A high	B high	C high

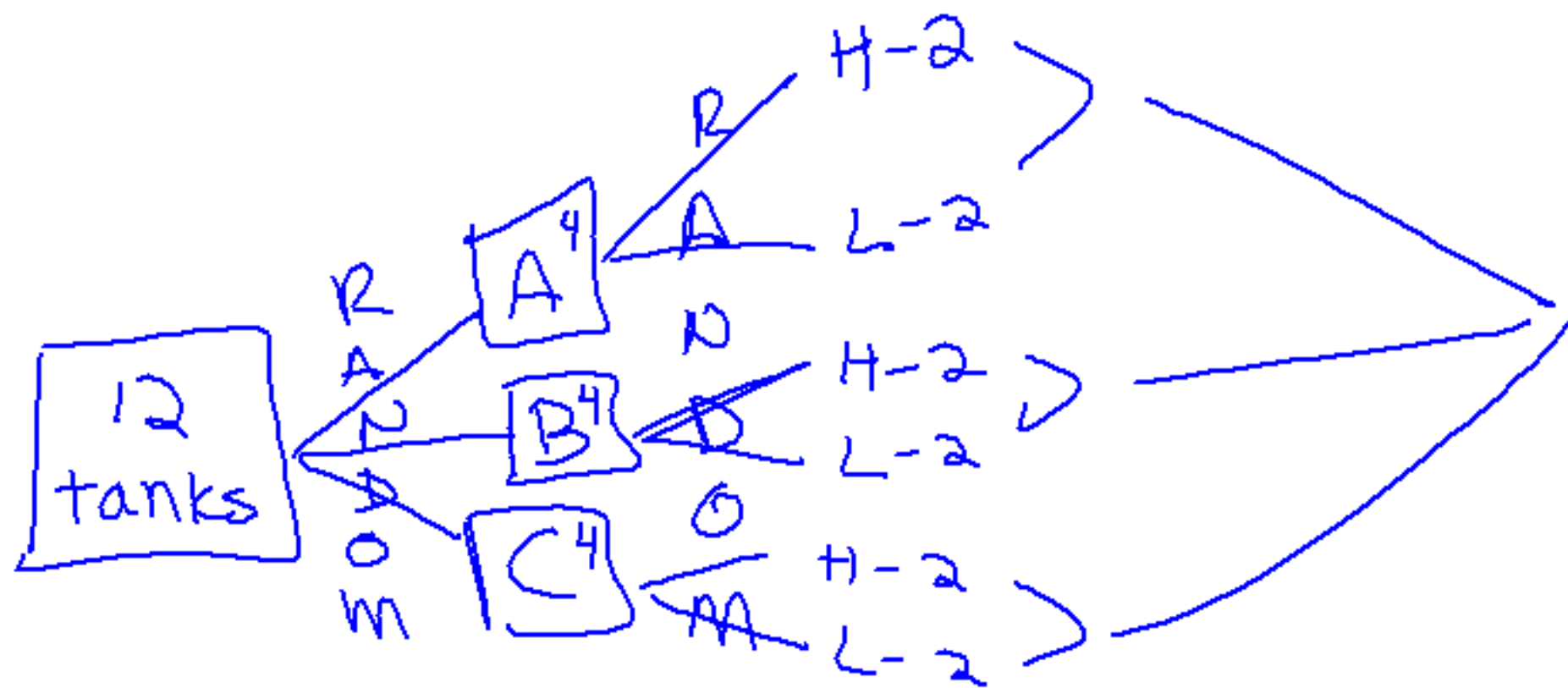


b)



* 2 tanks per trt.

* sentence about rand.



* Sentence

P